

**From:** [Handley, Bianca](#)  
**To:** [Heitmann, Michael](#)  
**Subject:** FW: NHOU: February 2021 monthly progress report  
**Date:** Thursday, March 18, 2021 10:38:00 AM  
**Attachments:** [R35216 NHOU 2021 Mar RA HON Monthly Prog Report.pdf](#)

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Hi Mike,

With respect to the note in here about LADWP not taking ownership of the conveyance lines, how is that going to factor in to the path forward and future O&M for the site? Are there other pieces of the treatment system LADWP will not be taking ownership of? The wells?

How does permitting for the system work if Honeywell owns part of the system and LADWP owns/operates another part?

If LADWP is not going to own it, are they going to participate in inspections of the construction of this part of the line? Will Wood be inspecting the construction of this part of the line? i.e. if Honeywell is contracting this portion of the construction work directly and LADWP is not inspecting it and Wood is not inspecting, will Honeywell have a project manager at the site for this work?

Just curious how LADWP and Honeywell are negotiating this because it doesn't seem to be in line with what I expected to happen based on previous conversations and the settlement agreement.

Sincerely,

**Bianca Handley**

U.S. Environmental Protection Agency  
Superfund Division  
75 Hawthorne Street, Mail Code SFD-7-1  
San Francisco, CA 94105  
Office: (415) 972-3023  
cell: (415) 470-6036

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**From:** Taraszki, Michael D <[michael.taraszki@woodplc.com](mailto:michael.taraszki@woodplc.com)>  
**Sent:** Wednesday, March 10, 2021 5:39 PM  
**To:** Handley, Bianca <[Handley.Bianca@epa.gov](mailto:Handley.Bianca@epa.gov)>  
**Cc:** [vahe.dabbaghian@ladwp.com](mailto:vahe.dabbaghian@ladwp.com); [Nicole.Alkov@Waterboards.ca.gov](mailto:Nicole.Alkov@Waterboards.ca.gov); [Diep, Chi P.@Waterboards<Chi.Diep@waterboards.ca.gov>](mailto:Diep, Chi P.@Waterboards<Chi.Diep@waterboards.ca.gov>); [Murdock, Kevin/LAC <Kevin.Murdock@CH2M.com>](mailto:Murdock, Kevin/LAC <Kevin.Murdock@CH2M.com>); [Sonja Donaldson <sdonaldson@otie.com>](mailto>Sonja Donaldson <sdonaldson@otie.com>); [John Wingate <jwingate@otie.com>](mailto:John Wingate <jwingate@otie.com>); [Humphreys, Christina@Waterboards <Christina.Humphreys@Waterboards.ca.gov>](mailto:Humphreys, Christina@Waterboards <Christina.Humphreys@Waterboards.ca.gov>); [Heitmann, Michael <Michael.Heitmann@Honeywell.com>](mailto:Heitmann, Michael <Michael.Heitmann@Honeywell.com>); [Radke, Laura@DTSC <laura.radke@dtsc.ca.gov>](mailto:Radke, Laura@DTSC <laura.radke@dtsc.ca.gov>); [Nyahay, Colin <colin.nyahay@woodplc.com>](mailto:Nyahay, Colin <colin.nyahay@woodplc.com>); [HamannNazaroff, Daniela <d.hamannnazaroff@woodplc.com>](mailto:HamannNazaroff, Daniela <d.hamannnazaroff@woodplc.com>)  
**Subject:** NHOU: February 2021 monthly progress report

Bianca,

The February 2021 progress report for NHOU is attached for your review and approval.

Please let me know if you have any questions regarding this matter.

Thank you,

**Michael Taraszki, PG, CHG, PMP**

Wood Consulting – Resilient Environments

Principal Hydrogeologist

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[michael.taraszki@woodplc.com](mailto:michael.taraszki@woodplc.com) [www.woodplc.com](http://www.woodplc.com)

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March 10, 2021

Project 8620200310

Ms. Bianca Handley  
U.S. Environmental Protection Agency  
75 Hawthorne Street  
San Francisco, California 94105

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Oakland, California 94612-3066  
USA

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**Subject:** **February 2021 Monthly Progress Report (electronic submittal)**  
North Hollywood Operable Unit  
Second Interim Remedy  
Groundwater Remediation Design

Dear Ms. Handley:

On behalf of Honeywell International Inc., attached is the February 2021 monthly progress report for North Hollywood Operable Unit (NHOU) Second Interim Remedy (2IR) treatment activities, pursuant to the October 2017 Unilateral Administrative Order for Remedial Action (U.S. EPA Region IX CERCLA Docket No. 2017-06; UAO) that became effective on February 1, 2018, and the First Amendment to the UAO (CERCLA Docket No. 2019-12) dated July 8, 2019.

Please contact me at (510) 663-4100 if you have questions regarding this submittal.

Sincerely,  
Wood Environment & Infrastructure Solutions, Inc.

Michael Taraszki, PG CA 6457, CHG CA 586, PMP  
Project Principal

MT/MR  
[https://woodplc.sharepoint.com/teams/bayareadocusafe/honeywell/nhou/03.0 doc and data control/monthly progress reports/2021/2021.03.10/r35216 nhou\\_2021 mar\\_ra\\_hon\\_monthly prog report.docx](https://woodplc.sharepoint.com/teams/bayareadocusafe/honeywell/nhou/03.0 doc and data control/monthly progress reports/2021/2021.03.10/r35216 nhou_2021 mar_ra_hon_monthly prog report.docx)

Attachment: February 2021 Monthly Progress Report

cc: Mike Heitmann (Honeywell)  
Vahe Dabbaghian (LADWP)  
Nicole Alkov and Christina Humphreys (RWQCB-LA)  
Laura Radke (DTSC)  
Chi Diep (SWRCB DDW)  
Sonja Donaldson (OTIE)  
Kevin Murdock (Jacobs)

Ms. Bianca Handley

Monthly Progress Report – NHOU Second Interim Remedy

March 10, 2021

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## **FEBRUARY 2021 NHOU Monthly Progress Report**

### **ACTIVITIES COMPLETED FOR THE REPORT PERIOD**

- Wood submitted design revisions (structural and electrical) regarding equipment pads and the secondary power feed for supplemental plan check by the LA Department of Building and Safety (LADBS) for the Phase 1B Groundwater Treatment System construction; plumbing plans were also resubmitted to LADBS for permitting;
- Wood began excavating the northern portion of Lankershim Yard and inside the warehouse in preparation of underground piping and foundation installations;
- Wood installed foundations for new utility poles for fiber optic line relocation (to be performed by LADWP);
- Wood provided Phase 1B construction submittals to the LA Department of Water and Power (LADWP) for their review;
- On February 23, Wood discovered a previously unknown vault in the southeast corner of Lankershim Yard; LADWP and EPA were notified the same day and next steps are being evaluated;
- On February 18, LADWP notified Wood that they will not want to take ownership of the Phase 2B influent line and that Honeywell is thus free to choose materials and installation methods but will be responsible for maintaining it; and,
- Wood proceeded to develop the Step 5 report in support of LADWP's efforts to obtain an amended drinking water permit from the Division of Drinking Water (DDW), pursuant to the DDW's 97-005 Policy Memo.

### **ANTICIPATED ACTIVITIES FOR THE NEXT SIX WEEKS**

- Honeywell/Wood actions:
  - Wood will continue with the Phase 1B groundwater treatment system plan check and permitting processes with LADBS;
  - Wood will install utility poles for fiber optic line relocation (to be performed by LADWP); once LADWP completes communication connection to their chlorination station, Wood will remove the SCADA equipment in the warehouse, which will complete interior demolition;
  - Wood will continue to provide contractor submittals for the Phase 1B Groundwater Treatment System to LADWP for review;

Ms. Bianca Handley

Monthly Progress Report – NHOU Second Interim Remedy

March 10, 2021

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## FEBRUARY 2021 NHOU Monthly Progress Report (continued)

### ANTICIPATED ACTIVITIES FOR THE NEXT SIX WEEKS (CONTINUED):

- Honeywell/Wood actions (continued):
  - Honeywell/Wood will receive Los Angeles Bureau of Engineering (LABOE) permits for potholing and will subsequently perform potholing along the Phase 2B discharge and influent/collector line alignments;
  - Honeywell/Wood will incorporate LADWP comments on the Preliminary (30%) Design into the Intermediate (60%) Design package, including changing the entirety of the hexavalent chromium collector line from 8-inch ductile iron pipe to 10-inch HDPE;
  - Honeywell/Wood will coordinate with LADWP to address the newly discovered vault on Lankershim Yard; and,
  - Honeywell/Wood will continue supporting LADWP with the DDW 97-005 permit process.
- LADWP actions (anticipated):
  - Coordinate with Wood regarding construction activities associated with the Phase 1B Groundwater Treatment System (including review of contractor submittals and issued-for-construction drawings);
  - Coordinate with Wood on outstanding Phase 2B conveyance design decisions;
  - LADWP's Power Group will sign-off on the designs for the Phase 1B stormwater conveyance, Phase 1B wellheads, and Phase 2B conveyance;
  - Continue to coordinate with Honeywell/Wood regarding the recently discovered vault on Lankershim Yard; and,
  - Continue development and submittal of documents associated with the DDW 97-005 permit process.
- U.S. EPA actions (anticipated):
  - Perform periodic site inspections of the Phase 1B Groundwater Treatment System construction, as needed; and,
  - EPA will approve use of the US Ecology landfill in Vernon to dispose of soil cuttings from the geotechnical investigation.

Ms. Bianca Handley

Monthly Progress Report – NHOU Second Interim Remedy

March 10, 2021

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## **FEBRUARY 2021 NHOU Monthly Progress Report (continued)**

### **ANTICIPATED ACTIVITIES FOR THE NEXT SIX MONTHS**

- Honeywell/Wood actions:
  - Wood will complete supplemental plan checks and obtain all necessary permits to continue with construction of the Phase 1B Groundwater Treatment System (e.g., underground plumbing, concrete pads/anchoring systems, equipment installation);
  - Wood will provide contractor submittals for the Phase 1B Groundwater Treatment System to LADWP for review;
  - Wood will submit a Phase 1B Groundwater Treatment System commissioning plan for LADWP/DDW review;
  - Honeywell/Wood will submit the Intermediate (60%) Design for the Phase 2B conveyance for EPA and LADWP review in May 2021;
  - Honeywell/Wood will perform basin-wide groundwater sampling in April 2021 (pending COVID-19 status); and,
  - Honeywell/Wood will continue to support LADWP with the DDW 97-005 process.
- LADWP actions (anticipated):
  - Review submittals and issued-for-construction drawings associated with the Phase 1B Groundwater Treatment System;
  - Participate in Phase 1B Groundwater Treatment System construction meetings;
  - Review the Intermediate (60%) Design for the Phase 2B conveyance; and,
  - Continue development and submittal of documents associated with the DDW 97-005 process, including meeting with DDW.
- U.S. EPA actions (anticipated):
  - Perform periodic site inspections of the Phase 1B Groundwater Treatment System, and participate in associated construction meetings, as required; and,
  - Review the Intermediate (60%) Design for the Phase 2B conveyance.

### **SCHEDULE UPDATE**

- An updated Phase 1B Groundwater Treatment System construction schedule is attached.

### **ISSUES AND CORRECTIVE ACTIONS**

- A previously unknown vault was discovered in the southeast corner of Lankershim Yard on February 23; the overlying ground collapsed when a forklift drove over the area – no injuries resulted from this event. Honeywell/Wood is coordinating with LADWP to determine next steps.

Ms. Bianca Handley

Monthly Progress Report – NHOU Second Interim Remedy

March 10, 2021

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## FEBRUARY 2021 NHOU Monthly Progress Report (continued)

### UNRESOLVED ISSUES/POTENTIAL IMPACTS TO SCHEDULE/WORK PLAN (FOR EPA APPROVAL)

- Discovery of a previously unknown vault in the southeast corner of Lankershim Yard required that a site geophysical survey be performed to confirm that additional vaults are not present before construction continues in this area. Subsequent actions are anticipated to impact the construction schedule;
- Utility shutdowns on Lankershim Yard as needed to be performed by LADWP were delayed due to partial impact by COVID-19 restrictions; new utility connections to construction trailers have also been delayed (force majeure: schedule pushed out by over two months);
- Impacts from COVID-19 restrictions on Wood's schedule will be updated monthly for the duration of the impacts; costs will be evaluated as incurred or known;
- Discussions with LADWP regarding necessary changes to the Phase 2B conveyance alignments has delayed completion of field work needed to prepare the Intermediate (60%) Design by approximately three weeks;
- The LADBS building permit process (for Phase 1B construction) has been much slower than ordinarily anticipated due to impacts on LADBS staffing/resources resulting from COVID-19 restrictions (force majeure: schedule currently pushed out by approximately three months);
- The BOE permitting process (for Phase 2B potholing) has also been much slower than anticipated due to impacts on staffing/resources from COVID-19 restrictions force majeure: design schedule currently pushed out by approximately two months); and,
- Similarly, obtaining clearance from LADWP Power Group has been delayed due to COVID-19 restrictions, which has caused delays to Honeywell/Wood's schedule for performing its scope within the transmission corridor (e.g., Phase 2B conveyance alignment; force majeure: schedule currently pushed out by approximately two months).

### DESIGN CHANGES OF NOTE

- Los Angeles Fire Department comments on Phase 1B design require that a fire wall be installed behind (east of) the hydrogen peroxide tank because the strong oxidizer will be stored near the property line. Fire wall design has been submitted to LADBS for plan check; and,
- The Phase 2B hexavalent chromium collector line route to cross Lankershim Blvd. will be implemented via horizontal directional drilling; the line in its entirety will be constructed of 10-inch HDPE material.

# HON North Hollywood Operable Unit

Data Date: 26-Feb-21

Print: 05-Mar-21

#	Activity ID	Activity Name	Orig Dur	Rem Dur	Phys %Comp	Start	Finish	ORG	Critical	Predecessors	Successors	2021												2022			
												Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
1	HON North Hollywood Operable Unit		1102	612		29-Mar-19 A	24-Jul-23																				
2	Milestones		735	598		28-Aug-20 A	24-Jul-23																				
3	M1	Contract Award	0	0	100%		28-Aug-20 A	HON	<input type="checkbox"/>	PMOB-0005	EIA-1030, CO-0024																
4	M2	Mobilization	0	0	100%	16-Oct-20 A		CAR	<input type="checkbox"/>	MOB-0005	DEMO-0005																
5	M13	NS - New Slab Area - Backfill & Compact	0	0	0%		17-Mar-21		<input type="checkbox"/>	WTUG-N0015	WTUG-N0055, WTUG-N0030, M3, WTFD-N0020																
6	M14	Chemical Truck Unloading Ramp 2/S-501	0	0	0%		09-Apr-21		<input type="checkbox"/>	WTFD-N0030	WTFD-N0035																
7	M3	North Side Main Conveyance Lines - Backfill & Compact	0	0	0%		13-Apr-21		<input type="checkbox"/>	WTUG-N0015, WTUG-N0050, M13	WTUG-N0020																
8	M15	Hydrogen Peroxide Tank Foundations 6/S-504	0	0	0%		30-Apr-21		<input type="checkbox"/>	WTFD-N0040	WTFD-N0100, WTFD-N0095, WTEQ-0050, WTEQ-0025																
9	M17	12" SOG - 15/S-601	0	0	0%		08-Jun-21		<input type="checkbox"/>	WTFD-N0055	WTFD-N0065, WTEQ-0050																
10	M4	Backwash Holding Tank-Foundation; S-503	0	0	0%		23-Jun-21		<input type="checkbox"/>	WTFD-N0070	WTEQ-0005																
11	M5	South Side UG Plumbing	0	0	0%		08-Jul-21		<input checked="" type="checkbox"/>	WTUG-S0015, WTUG-S0045, WTUG-S0075	WTUG-S0020																
12	M6	Backwash Supply Tank Foundation; S-506	0	0	0%		02-Sep-21		<input type="checkbox"/>	WTFD-S0025	WTEQ-0075																
13	M7	Anchor Process Support Equipment	0	0	0%		02-Nov-21		<input type="checkbox"/>	WTEQ-0010, WTEQ-0015, WTEQ-0020, WTEQ-0025, WTEQ-0030, WTEQ-0035, WTEQ-0040, WTEQ-0045, WTEQ-0050, WTEQ-0125	WTAG-0005																
14	M8	Substantial Completion	0	0	0%		24-Jan-22		<input checked="" type="checkbox"/>	CN-0020	M12, EPA-1015																
15	M9	Commissioning Complete	0	0	0%		22-Apr-22		<input checked="" type="checkbox"/>	EIA-9000, EIA-9015	EIA-9010																
16	M12	Construction Completion Report	0	0	0%		22-Apr-22		<input type="checkbox"/>	CO-0025, M8	M16																
17	M10	Commissioning Report	0	0	0%		28-Jul-22		<input type="checkbox"/>	EIA-9030	CO-0015																
18	M11	Operations & Maintenance Complete	0	0	0%		24-Jul-23		<input checked="" type="checkbox"/>	CO-0010, EIA-9020, EIA-9045	M16																
19	M16	Project Complete	0	0	0%		24-Jul-23		<input checked="" type="checkbox"/>	CO-0006, M11, CO-0015, M12																	
20	Regulatory Submittals & Approvals (Wood)			721	228		29-Mar-19 A	19-Jan-22																			
21	Pre-Construction Regulatory Submittals & Approvals (EI)			367	0		29-Mar-19 A	28-Aug-20 A																			
22	EIA-1000	Submit 90% Design & RAWP	0	0	100%	29-Mar-19 A		EIA	<input type="checkbox"/>		LADWP-1000																
23	LADWP-1000	EPA & LADWP Review	0	0	100%	29-Mar-19 A	02-Aug-19 A	LADWP	<input type="checkbox"/>	EIA-1000	CAR-1000																
24	CAR-1000	Submit Final RAWP & Storm Drain Conveyance Design for Review	0	0	100%	02-Aug-19 A	03-Oct-19 A	EIA	<input type="checkbox"/>	LADWP-1000	EPA-1000																
25	EPA-1000	EPA Review & Comment Final RAWP	0	0	100%	03-Oct-19 A	25-Nov-19 A	EPA	<input type="checkbox"/>	CAR-1000	CAR-1005, EPA-1005																
26	CAR-1005	Revise and Submit Final RAWP	0	0	100%	22-Nov-19 A	23-Dec-19 A	EIA	<input type="checkbox"/>	EPA-1000, EPA-1005	CAR-1010, EIA-1020, EIA-1025, EIA-1030																
27	EPA-1005	EPA Comments Received	0	0	100%		25-Nov-19 A	EPA	<input type="checkbox"/>	EPA-1000	CAR-1005																
28	EIA-1030	Pre-Construction Regulatory Submittals & Approvals (EIA)	5	0	100%	04-Mar-20 A	28-Aug-20 A	EIA	<input type="checkbox"/>	CAR-1005, M1	EIA-1005																
29	CAR-1010	Submit Additional Construction Plans per RAWP (Final)	0	0	100%	15-May-20 A		EIA	<input type="checkbox"/>	CAR-1005	EPA-1010																
30	EPA-1010	Receive EPA Approval on Additional Plans	0	0	100%	01-Jul-20 A		EPA	<input type="checkbox"/>	CAR-1010	MOB-0005, CAR-1025, CAR-1030, CAR-1040, CAR-1015, CAR-1020, EIA-1005, PMOB-0005, EIA1005, EIA-9025																
31	Construction Regulatory Submittals & Approvals (EIA)			354	228		31-Aug-20 A	19-Jan-22																			
32	EIA1005	General Regulatory (Construction Phase)	331	228	25.4%	31-Aug-20 A	19-Jan-22	EIA	<input type="checkbox"/>	EPA-1010	CO-0006, EIA1015, EIA1010, EIA-1035														General Re		
33	EIA1015	NPDES Reporting (Construction Phase)	331	228	25.4%	31-Aug-20 A	19-Jan-22	EIA	<input type="checkbox"/>	EIA1005	EIA-9000														NPDES Re		

Remaining LOE    Remaining Work    ◆ Milestone  
 Actual Work    Critical Remaining    ▶ Summary

# HON North Hollywood Operable Unit

Data Date: 26-Feb-21

Print: 05-Mar-21

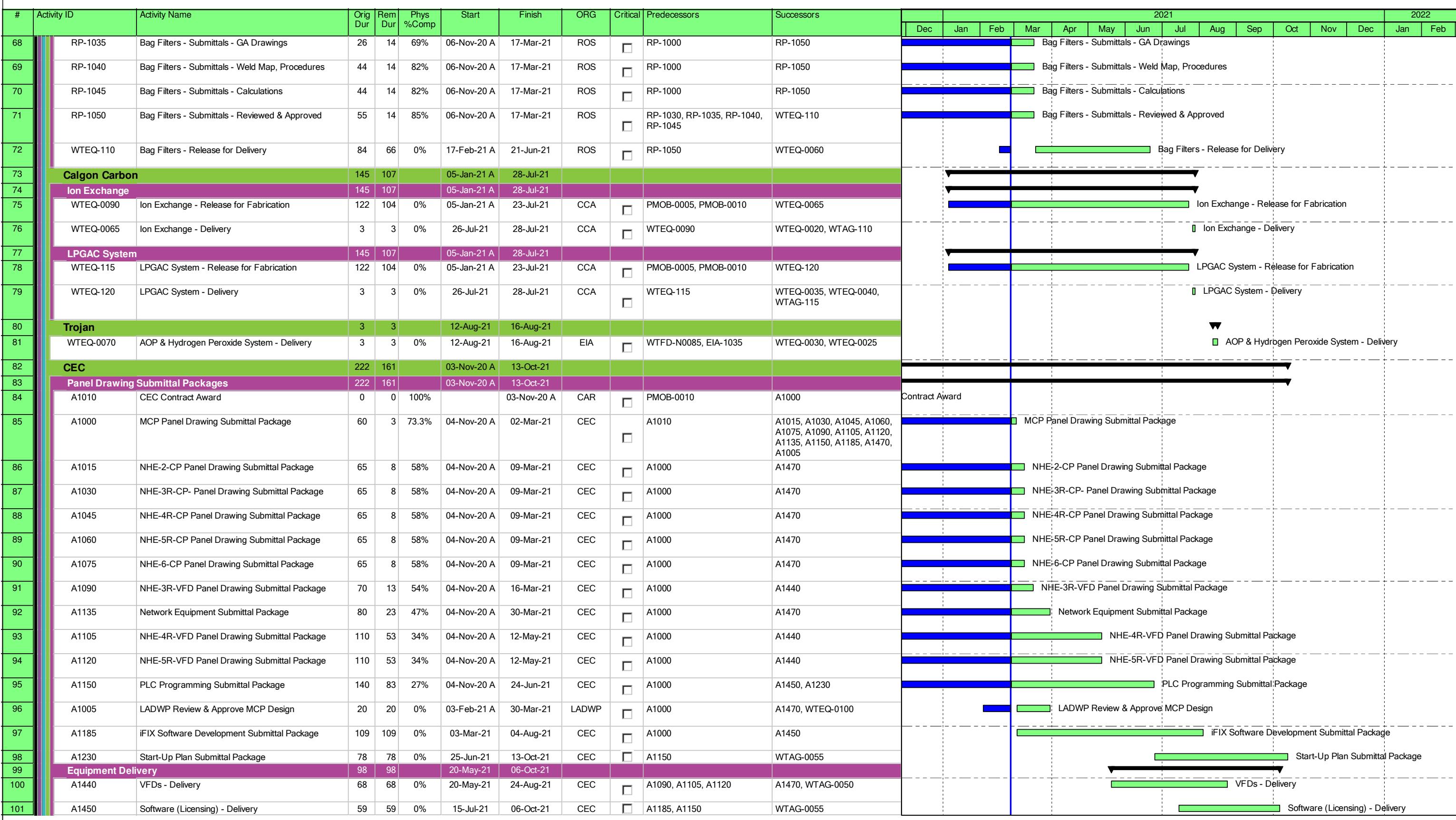
#	Activity ID	Activity Name	Orig Dur	Rem Dur	Phys %Comp	Start	Finish	ORG	Critical	Predecessors	Successors	2021												2022			
												Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
34	EIA1010	PM Implementation (Construction Phase)	331	228	25.4%	31-Aug-20 A	19-Jan-22	EIA	<input type="checkbox"/>	EIA1005	CO-0010																PM Implement
35	<b>Permitting &amp; Procurement (Priority)</b>		148	1		04-Mar-20 A	22-Mar-21																				
36	EIA-1020	Assist LADWP with SCAR & Ind WW Permit	148	0	100%	04-Mar-20 A	02-Oct-20 A	EIA	<input type="checkbox"/>	CAR-1005	CAR-1015, CAR-1020																
37	EIA-1025	Final Procurement - WAR	148	0	100%	04-Mar-20 A	02-Oct-20 A	EIA	<input type="checkbox"/>	CAR-1005	MOB-0005																
38	CAR-1025	Collect LADBS Temp Construction Power Permit	1	0	100%	09-Oct-20 A	09-Oct-20 A	AIS	<input type="checkbox"/>	EPA-1010	MOB-0005, CAR-1030																
39	CAR-1030	Collect LADBS Electrical Permit	1	0	100%	02-Nov-20 A	02-Nov-20 A	AIS	<input type="checkbox"/>	EPA-1010, CAR-1025	WTUG-N0020, CAR-1040																
40	CAR-1040	Collect LADBS HVAC Permit	1	0	100%	17-Nov-20 A	17-Nov-20 A	AIS	<input type="checkbox"/>	EPA-1010, CAR-1030	WH-0190																
41	CAR-1015	Collect LADBS Building Permit	1	0	100%	08-Dec-20 A	08-Dec-20 A	AIS	<input type="checkbox"/>	EPA-1010, EIA-1020	CAR-1035																
42	CAR-1020	Collect LADBS Grading Permit	1	0	100%	08-Dec-20 A	08-Dec-20 A	AIS	<input type="checkbox"/>	EPA-1010, EIA-1020	CAR-1035																
43	CAR-1035	Collect LADBS Plumbing Permit	1	1	0%	22-Mar-21*	22-Mar-21	AIS	<input type="checkbox"/>	CAR-1020, CAR-1015	WTS-0005, WTUG-N0011																
44	<b>AOP Storage Fees</b>		190	117		16-Sep-20 A	11-Aug-21																				
45	EIA-1035	AOP Storage Fees	190	117	38%	16-Sep-20 A	11-Aug-21	EIA	<input type="checkbox"/>	EIA1005	WTEQ-0070																AOP Storage Fees
46	<b>Regulatory Meetings</b>		332	1		18-Sep-20 A	25-Jan-22																				
47	EIA-1005	Pre-Construction Conference	1	0	100%	18-Sep-20 A	18-Sep-20 A	EIA	<input type="checkbox"/>	EPA-1010, EIA-1030	MOB-0005																
48	EPA-1015	Inspection of Construction	1	1	0%	25-Jan-22	25-Jan-22	EPA	<input checked="" type="checkbox"/>	CN-0020, M8	EIA-9000, AIS-9000																I Inspection
49	<b>Procurement</b>		261	161		07-Oct-20 A	13-Oct-21																				
50	<b>Equipment Deliveries</b>		261	161		07-Oct-20 A	13-Oct-21																				
51	WTEQ-0095	Sulfuric Acid Storage Air Dryer - Purchase & Delivery	2	2	0%	03-Sep-21	07-Sep-21	CAR	<input type="checkbox"/>	WTEQ-0055	WTEQ-0010																Sulfuric Acid Storage Air Dryer - Purchase & Delivery
52	<b>Modern Custom Fabrication</b>		145	135		16-Feb-21 A	07-Sep-21																				
53	WTEQ-0110	Sulfuric Acid Tank - Submittals - Received and Approved	10	13	50%	16-Feb-21 A	16-Mar-21	MOD	<input type="checkbox"/>	MOB-0005	WTEQ-0080																Sulfuric Acid Tank - Submittals - Received and Approved
54	WTEQ-0080	Sulfuric Acid Tank - Release for Delivery	85	85	0%	09-Apr-21	06-Aug-21	MOD	<input type="checkbox"/>	WTEQ-0110	WTEQ-0055																Sulfuric Acid Tank - Release for Delivery
55	WTEQ-0055	Sulfuric Acid Tank - Delivery	2	2	0%	03-Sep-21	07-Sep-21	MOD	<input type="checkbox"/>	WTEQ-0080, WTFD-S0060	WTEQ-0060, WTEQ-0010, WTEQ-0095															Sulfuric Acid Tank - Delivery	
56	<b>Rosedale</b>		219	137		29-Oct-20 A	09-Sep-21																				
57	RP-1000	Inlet Strainers & Bag Filters - Notice of Award	1	0	100%	29-Oct-20 A	29-Oct-20 A	ROS	<input type="checkbox"/>	PMOB-0005, PMOB-0010	RP-1010, RP-1015, RP-1020, RP-1005, RP-1030, RP-1035, RP-1040, RP-1045															Inlet Strainers & Bag Filters - Notice of Award	
58	WTEQ-0060	Inlet Strainers & Bag Filters - Delivery	2	2	0%	08-Sep-21	09-Sep-21	ROS	<input type="checkbox"/>	WTEQ-0055, WTEQ-0085, WTEQ-0085, WTEQ-110	WTEQ-0015															Inlet Strainers & Bag Filters - Delivery	
59	<b>Inlet Strainers</b>		141	80		09-Nov-20 A	21-Jun-21																				
60	RP-1005	Inlet Strainers - Submittals - Schedule, Catalogs, Other	26	0	100%	09-Nov-20 A	17-Feb-21 A	ROS	<input type="checkbox"/>	RP-1000	RP-1025																Inlet Strainers - Submittals - Schedule, Catalogs, Other
61	RP-1010	Inlet Strainers - Submittals - GA Drawings	26	14	69%	09-Nov-20 A	17-Mar-21	ROS	<input type="checkbox"/>	RP-1000	RP-1025																Inlet Strainers - Submittals - GA Drawings
62	RP-1015	Inlet Strainers - Submittals - Weld Map, Procedures	44	14	80%	09-Nov-20 A	17-Mar-21	ROS	<input type="checkbox"/>	RP-1000	RP-1025																Inlet Strainers - Submittals - Weld Map, Procedures
63	RP-1020	Inlet Strainers - Submittals - Calculations	44	14	80%	09-Nov-20 A	17-Mar-21	ROS	<input type="checkbox"/>	RP-1000	RP-1025																Inlet Strainers - Submittals - Calculations
64	RP-1025	Inlet Strainers - Submittals - Reviewed & Approved	55	14	85%	09-Nov-20 A	17-Mar-21	ROS	<input type="checkbox"/>	RP-1005, RP-1010, RP-1015, RP-1020	WTEQ-0085															Inlet Strainers - Submittals - Reviewed & Approved	
65	WTEQ-0085	Inlet Strainers - Release for Delivery	84	66	0%	17-Feb-21 A	21-Jun-21	ROS	<input type="checkbox"/>	RP-1025	WTEQ-0060, WTEQ-0060															Inlet Strainers - Release for Delivery	
66	<b>Bag Filters</b>		141	80		06-Nov-20 A	21-Jun-21																				
67	RP-1030	Bag Filters - Submittals - Schedule, Catalogs, Other	26	14	69%	06-Nov-20 A	17-Mar-21	ROS	<input type="checkbox"/>	RP-1000	RP-1050															Bag Filters - Submittals - Schedule, Catalogs, Other	

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												Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb		
102	WTEQ-0100	MCP - Delivery	2	2	0%	16-Jul-21	19-Jul-21	CEC	<input type="checkbox"/>	A1005	WTAG-0070																	
103	A1470	Well Control Panels - Delivery	5	5	0%	18-Aug-21	24-Aug-21	CEC	<input type="checkbox"/>	A1440, A1000, A1015, A1030, A1045, A1060, A1075, A1135, A1005	WTAG-0050, WTEQ-0105																	
104	WTEQ-0105	SCADA Cabinet - Delivery	2	2	0%	23-Aug-21	24-Aug-21	CEC	<input type="checkbox"/>	A1470	WTAG-0055																	
105	<b>UIG</b>																											
106	A1490	Water Holding Tank Contract Award	0	0	100%	07-Oct-20 A		UIG	<input type="checkbox"/>	PMOB-0005	A1475, A1480, A1495	Tank Contract Award																
107	<b>Tank 660</b>												175	114	09-Nov-20 A	06-Aug-21												
108	A1500	Tank 660 - Foundation Design	20	0	100%	09-Nov-20 A	15-Jan-21 A	UIG	<input type="checkbox"/>	A1495	WTFD-N0070	Tank 660 - Foundation Design																
109	A1495	Tank 660 - Tank Design & Fabrication	103	46	40%	30-Nov-20 A	03-May-21	UIG	<input type="checkbox"/>	A1490	A1500, A1505	Tank 660 - Tank Design & Fabrication																
110	A1505	Tank 660 - Tank Delivery	6	6	0%	30-Jul-21*	06-Aug-21	UIG	<input type="checkbox"/>	A1495	WTEQ-0005	Tank 660 - Tank Delivery																
111	<b>Tank 540</b>												193	129	09-Nov-20 A	27-Aug-21												
112	A1475	Tank 540 - Foundation Design	20	0	100%	09-Nov-20 A	15-Jan-21 A	UIG	<input type="checkbox"/>	A1490, A1480	WTFD-S0025	Tank 540 - Foundation Design																
113	A1480	Tank 540 - Tank Design & Fabrication	81	24	40%	30-Nov-20 A	31-Mar-21	UIG	<input type="checkbox"/>	A1490	A1475, A1485	Tank 540 - Tank Design & Fabrication																
114	A1485	Tank 540 - Tank Delivery	3	3	0%	25-Aug-21*	27-Aug-21	UIG	<input type="checkbox"/>	A1480	WTEQ-0075	Tank 540 - Tank Delivery																
115	<b>Phase 1B Treatment System Construction</b>												712	612	28-Aug-20 A	24-Jul-23												
116	CN-0010	Provide Notice to LADWP re-East Neighbor Excavation	1	0	100%	02-Nov-20 A	02-Nov-20 A	CAR	<input type="checkbox"/>	MOB-0005	WTUG-S0005	Provide Notice to LADWP re-East Neighbor Excavation																
117	CN-0005	Provide Notice to LADWP re-Corridor Encroachment	1	1	0%	01-Apr-21*	01-Apr-21	CAR	<input type="checkbox"/>	MOB-0005	WTS-0035	Provide Notice to LADWP re-Corridor Encroachment																
118	CN-0015	Collect LADWP Power Release @ Extraction Wells	1	1	0%	09-Jul-21*	09-Jul-21	EIA	<input type="checkbox"/>	MOB-0005	GW-DM0005	Collect LADWP Power Release @ Extraction Wells																
119	<b>Pre Mobilization</b>												58	15	28-Aug-20 A	18-Mar-21												
120	PMOB-0005	Honeywell Executes Agreement	0	0	100%		28-Aug-20 A	HON	<input type="checkbox"/>	EPA-1010	PMOB-0010, RP-1000, WTEQ-0090, EIA-9035, M1, WTEQ-115, A1490	Pre Mobilization																
121	PMOB-0010	Wood Performs Priority Buyouts	10	0	100%	31-Aug-20 A	14-Oct-20 A	CAR	<input type="checkbox"/>	PMOB-0005	PMOB-0015, WTEQ-115, WTEQ-0090, RP-1000, A1010	Priority Buyouts																
122	PMOB-0015	AIS Work Plans & Submittal Reviews	55	15	80%	07-Oct-20 A	18-Mar-21	AIS	<input checked="" type="checkbox"/>	PMOB-0010	MOB-0005	AIS Work Plans & Submittal Reviews																
123	<b>Mobilization</b>												168	10	16-Oct-20 A	17-Jun-21												
124	MOB-0005	Mobilization, Site Prep, Temp Facilities & Controls	14	0	100%	16-Oct-20 A	04-Nov-20 A	AIS	<input type="checkbox"/>	EPA-1010, EIA-1005, PMOB-0015, CAR-1025, EIA-1025	MOB-0010, DEMO-0005, WTEQ-0110, M2, CN-0010, CN-0005, CN-0015,	Mobilization, Site Prep, Temp Facilities & Controls																
125	<b>Utility Investigation/Locate/Protection &amp; Positive Identif</b>												136	10	03-Dec-20 A	17-Jun-21												
126	MOB-0010	Geophysical Survey at Lankershim Yard & Nursery Area	1	0	100%	03-Dec-20 A	03-Dec-20 A	AIS	<input type="checkbox"/>	MOB-0005	MOB-0015, MOB-0008	Geophysical Survey at Lankershim Yard & Nursery Area																
127	MOB-0015	Potholing the Identified Utilities at Lankershim Yard	3	0	100%	28-Dec-20 A	07-Jan-21 A	AIS	<input type="checkbox"/>	MOB-0010	MOB-0020	Potholing the Identified Utilities at Lankershim Yard																
128	MOB-0008	DFOW-01 - Preparatory Meeting	1	0	100%	13-Jan-21 A	29-Jan-21 A		<input type="checkbox"/>	MOB-0010	MOB-0020	DFOW-01 - Preparatory Meeting																
129	MOB-0020	Land Survey	2	0	100%	03-Feb-21 A	04-Feb-21 A	AIS	<input type="checkbox"/>	MOB-0015, MOB-0008	MOB-0030	Land Survey																
130	MOB-0030	Potholing at Nursery Area	5	5	0%	04-Jun-21*	10-Jun-21	AIS	<input type="checkbox"/>	MOB-0020	MOB-0025, WTS-0035	Potholing at Nursery Area																
131	MOB-0025	Geophysical Survey at 5 Well Locations	2	2	0%	11-Jun-21	14-Jun-21	AIS	<input type="checkbox"/>	MOB-0030	MOB-0035	Geophysical Survey at 5 Well Locations																
132	MOB-0035	Potholing at Well Sites (5 Locations)	3	3	0%	15-Jun-21	17-Jun-21	AIS	<input type="checkbox"/>	MOB-0025	GW-EQ0005	Potholing at Well Sites (5 Locations)																
133	<b>Lankershim Yard Selective Demolition</b>												99	9	04-Dec-20 A	21-Apr-21												
134	<b>Exterior Selective Demolition</b>												28	0	04-Dec-20 A	20-Jan-21 A												
135	DEMO-0013	DFOW-04 Pre																										

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												Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
137	DEMO-0005	Disconnect Local Power & Live Lines Going to Items to be Demolished	7	0	100%	11-Dec-20 A	11-Dec-20 A	AIS	<input type="checkbox"/>	MOB-0005, M2	DEMO-0010, DEMO-0025, DEMO-0035, WTUG-S0115	Disconnect Local Power & Live Lines Going to Items to be Demolished														
138	DEMO-0020	Vacuum Truck In Place to Retrieve All Rinse Water	7	0	100%	11-Dec-20 A	11-Dec-20 A	AIS	<input type="checkbox"/>	DEMO-0015, DEMO-0013	DEMO-0025, DEMO-0035	Vacuum Truck In Place to Retrieve All Rinse Water														
139	DEMO-0015	Pressure Wash Old Chlorination Building Piping	1	0	100%	16-Dec-20 A	17-Dec-20 A	AIS	<input type="checkbox"/>	DEMO-0010	DEMO-0020, DEMO-0025, DEMO-0035	Pressure Wash Old Chlorination Building Piping														
140	DEMO-0010	Pressure Wash All Piping & Tanks of the Stripper	11	0	100%	16-Dec-20 A	17-Dec-20 A	AIS	<input type="checkbox"/>	DEMO-0005	DEMO-0015, DEMO-0025, DEMO-0035	Pressure Wash All Piping & Tanks of the Stripper														
141	DEMO-0035	Vacuuming Dust Cyclone & Separate from Building & Demo	12	0	100%	20-Dec-20 A	20-Dec-20 A	AIS	<input type="checkbox"/>	DEMO-0005, DEMO-0010, DEMO-0015, DEMO-0020	DEMO-0055	Vacuuming Dust Cyclone & Separate from Building & Demo														
142	DEMO-0030	Demo Chlorination Building & All Materials Inside	1	0	100%	23-Dec-20 A	23-Dec-20 A	AIS	<input type="checkbox"/>	DEMO-0025	DEMO-0070, DEMO-0040, WTUG-N0005	Demo Chlorination Building & All Materials Inside														
143	DEMO-0040	Dispose of All Materials from Demo Job	3	0	100%	29-Dec-20 A	31-Dec-20 A	AIS	<input type="checkbox"/>	DEMO-0025, DEMO-0030	DEMO-0045, WTUG-N0005	Dispose of All Materials from Demo Job														
144	DEMO-0075	LADWP Disconnect Transformer	1	0	100%	20-Jan-21 A	20-Jan-21 A	LADWP	<input type="checkbox"/>	MOB-0005	DEMO-0045	LADWP Disconnect Transformer														
145	<b>Surface &amp; Subsurface Selective Demolition</b>		71	6		13-Jan-21 A	21-Apr-21																			
146	DEMO-0045	Breakout & Stockpile for Loadout - North	2	0	100%	13-Jan-21 A	15-Jan-21 A	AIS	<input type="checkbox"/>	DEMO-0040, DEMO-0075	DEMO-0050	Breakout & Stockpile for Loadout - North														
147	DEMO-0050	Loadout Concrete & Asphalt onto End Dumps - North	2	0	100%	15-Jan-21 A	17-Jan-21 A	AIS	<input type="checkbox"/>	DEMO-0045	DEMO-0070, WTUG-N0005	Loadout Concrete & Asphalt onto End Dumps - North														
148	DEMO-0070	Transport & Disposal of Non-Hazardous Excavation Spoils - North	1	0	100%	18-Jan-21 A	20-Jan-21 A	AIS	<input type="checkbox"/>	DEMO-0050, DEMO-0030	WTUG-N0055	Transport & Disposal of Non-Hazardous Excavation Spoils - North														
149	DEMO-0045S	Breakout & Stockpile for Loadout - South	3	3	0%	14-Apr-21	16-Apr-21	AIS	<input checked="" type="checkbox"/>	WTUG-N0050	DEMO-0050S, DEMO-0050S	Breakout & Stockpile for Loadout - South														
150	DEMO-0050S	Loadout Concrete & Asphalt onto End Dumps -South	2	2	0%	19-Apr-21	20-Apr-21	AIS	<input checked="" type="checkbox"/>	DEMO-0045S, DEMO-0045S	DEMO-0070S	Loadout Concrete & Asphalt onto End Dumps -South														
151	DEMO-0070S	Transport & Disposal of Non-Hazardous Excavation Spoils - South	1	1	0%	21-Apr-21	21-Apr-21	AIS	<input checked="" type="checkbox"/>	DEMO-0050S	WTUG-S0005	Transport & Disposal of Non-Hazardous Excavation Spoils - South														
152	<b>Warehouse Interior Selective Demolition</b>		79	1		21-Dec-20 A	09-Apr-21																			
153	DEMO-0055	All Interior Partitions & Doors	1	1	75%	21-Dec-20 A	09-Apr-21	AIS	<input type="checkbox"/>	DEMO-0035, WTUG-S0105, WTUG-S0110	DEMO-0060	All Interior Partitions & Doors														
154	DEMO-0060	All Restrooms, Fixtures & Existing Electrical	1	0	100%	28-Dec-20 A	29-Dec-20 A	AIS	<input type="checkbox"/>	DEMO-0055	DEMO-0065	All Restrooms, Fixtures & Existing Electrical														
155	DEMO-0065	Repairing & Sealing Openings in the Walls & Ceilings	1	1	0%	09-Apr-21*	09-Apr-21	AIS	<input type="checkbox"/>	DEMO-0060	WH-0005, WH-0025	Repairing & Sealing Openings in the Walls & Ceilings														
156	<b>Water Treatment UG MEP</b>		124	103		02-Feb-21 A	23-Jul-21																			
157	<b>North Side</b>		63	42		02-Feb-21 A	28-Apr-21																			
158	<b>UG Plumbing &amp; Mechanical</b>		53	32		02-Feb-21 A	14-Apr-21																			
159	<b>New Slab Area</b>		39	18		02-Feb-21 A	24-Mar-21																			
160	WTUG-N0085	DFOW-05 Preparatory Meeting	1	0	100%	02-Feb-21 A	02-Feb-21 A	CAR	<input type="checkbox"/>	MOB-0005	WTUG-N0005	DFOW-05 Preparatory Meeting														
161	WTUG-N0095	DFOW-06 Preparatory Meeting	1	0	100%	17-Feb-21 A	17-Feb-21 A	CAR	<input type="checkbox"/>	MOB-0005	WTUG-N0010	DFOW-06 Preparatory Meeting														
162	WTUG-N0005	NS - New Slab Area - Excavate Trenches for Piping	10	10	0%	01-Mar-21	12-Mar-21	AIS	<input type="checkbox"/>	DEMO-0040, WTUG-N0085, DEMO-0030, DEMO-0050																
163	WTUG-N0070	Inspection Point - Piping, Pressure Test	6	6	0%	03-Mar-21	10-Mar-21	LADBS	<input checked="" type="checkbox"/>	WTUG-N0010	WTUG-N0015	Inspection Point - Piping, Pressure Test														
164	WTUG-N0010	NS - New Slab Area - Install Piping, Stub-Up	5	5	0%	04-Mar-21	10-Mar-21	AIS	<input checked="" type="checkbox"/>	WTUG-N0095	WTUG-N0070, WTUG-N0011	NS - New Slab Area - Install Piping, Stub-Up														
165	WTUG-N0015	NS - New Slab Area - Backfill & Compact	5	5	0%	11-Mar-21	17-Mar-21	AIS	<input checked="" type="checkbox"/>	WTUG-N0070	WTUG-N0030, WTUG-N0035, WTFD-N0020, M3, WTUG-N0055, M13	NS - New Slab Area - Backfill & Compact														
166	WTUG-N0055	Transport & Disposal of Non-Hazardous Excavation Spoils	1	1	0%	18-Mar-21	18-Mar-21	AIS	<input type="checkbox"/>	WTUG-N0015, M13, DEMO-0070	WTUG-N0060	Transport & Disposal of Non-Hazardous Excavation Spoils														
167	WTUG-N0011	NS - New Slab Area - Pressure Test	2	2	0%	23-Mar-21	24-Mar-21	AIS	<input type="checkbox"/>	WTUG-N0010, CAR-1035		NS - New Slab Area - Pressure Test														

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												Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
168		<b>Main Conveyance Lines</b>	22	22		15-Mar-21	14-Apr-21																				
169	WTUG-N0035	NS - Main Conveyance Lines - Excavate Trenches for Main Conveyance Lines & Supporting Piping	8	8	0%	15-Mar-21	24-Mar-21	AIS	<input checked="" type="checkbox"/>	WTUG-N0015	WTUG-N0040																
170	WTUG-N0040	NS - Main Conveyance Lines - Install Piping in the Main Trench	12	12	0%	22-Mar-21	07-Apr-21	AIS	<input checked="" type="checkbox"/>	WTUG-N0035	WTUG-N0045																
171	WTUG-N0075	Inspection Point - NS Main Conveyance Line Pressure Test	6	6	0%	30-Mar-21	07-Apr-21	LADBS	<input checked="" type="checkbox"/>	WTUG-N0045	WTUG-N0050																
172	WTUG-N0045	NS - Main Conveyance Lines - Stub-Up in the Proper Locations & Perform Pressure Test	4	4	0%	01-Apr-21	07-Apr-21	AIS	<input checked="" type="checkbox"/>	WTUG-N0040	WTUG-N0075, WTUG-N0090																
173	WTUG-N0090	Inspection Point - NS Main Conveyance Line Compaction	1	1	0%	07-Apr-21	07-Apr-21	AIS-3PI	<input checked="" type="checkbox"/>	WTUG-N0045	WTUG-N0050																
174	WTUG-N0050	NS - Main Conveyance Lines - Backfill & Compact	4	4	0%	08-Apr-21	13-Apr-21	AIS	<input checked="" type="checkbox"/>	WTUG-N0075, WTUG-N0090	WTUG-N0020, WTUG-S0005, M3, WTUG-N0060, DEMO-0045S																
175	WTUG-N0060	Transport & Disposal of Non-Hazardous Excavation Spoils	1	1	0%	14-Apr-21	14-Apr-21	AIS	<input type="checkbox"/>	WTUG-N0055, WTUG-N0050	WTUG-N0065																
176		<b>UG Electrical, Instrumentation &amp; Controls</b>	42	42		01-Mar-21	28-Apr-21																				
177	WTUG-N0019	Receive DCB-006 (Electrical)	15	15	0%	01-Mar-21*	19-Mar-21	AIS	<input type="checkbox"/>		WTUG-N0020																
178	WTUG-N0020	NS - UG E&I and Controls - Excavation & Trenching	4	4	0%	14-Apr-21	19-Apr-21	AIS	<input type="checkbox"/>	CAR-1030, WTUG-N0050, M3, WTUG-N0019	WTUG-N0025, WTUG-N0065																
179	WTUG-N0025	NS - UG E&I and Controls - Install Conduit in Trench & Stub-Up	4	4	0%	20-Apr-21	23-Apr-21	AIS	<input type="checkbox"/>	WTUG-N0020	WTUG-N0030																
180	WTUG-N0030	NS - UG E&I and Controls - Make Connection, Backfill & Compact	2	2	0%	26-Apr-21	27-Apr-21	AIS	<input type="checkbox"/>	WTUG-N0015, WTUG-N0025, M13	WTUG-N0080, WTUG-N0065																
181	WTUG-N0080	Inspection Point - UG Conduit Compaction	1	1	0%	27-Apr-21	27-Apr-21	AIS-3PI	<input type="checkbox"/>	WTUG-N0030	WTUG-N0065																
182	WTUG-N0065	Transport & Disposal of Non-Hazardous Excavation Spoils	1	1	0%	28-Apr-21	28-Apr-21	AIS	<input type="checkbox"/>	WTUG-N0060, WTUG-N0020, WTUG-N0030, WTUG-N0080	WTUG-S0060																
183		<b>South Side</b>	66	66		22-Apr-21	23-Jul-21																				
184		<b>UG Plumbing &amp; Mechanical</b>	55	55		22-Apr-21	08-Jul-21																				
185		<b>New Slab Area</b>	16	16		22-Apr-21	13-May-21																				
186	WTUG-S0005	SS - New Slab Area - Excavate Trenches for Piping	5	5	0%	22-Apr-21	28-Apr-21	AIS	<input checked="" type="checkbox"/>	WTUG-N0050, CN-0010, DEMO-0070S	WTUG-S0010																
187	WTUG-S0010	SS - New Slab Area - Install Pipe, Stub-Up & Perform Pressure Test	5	5	0%	29-Apr-21	05-May-21	AIS	<input checked="" type="checkbox"/>	WTUG-S0005	WTUG-S0015																
188	WTUG-S0090	Inspection Point - Compaction Testing SS New Slab Area	6	6	0%	05-May-21	12-May-21	AIS-3PI	<input checked="" type="checkbox"/>	WTUG-S0015	WTUG-S0035																
189	WTUG-S0015	SS - New Slab Area - Backfill & Compact	4	4	0%	07-May-21	12-May-21	AIS	<input checked="" type="checkbox"/>	WTUG-S0010	WTFD-S0020, M5, WTUG-S0060, WTUG-S0090																
190	WTUG-S0060	Transport & Disposal of Non-Hazardous Excavation Spoils	1	1	0%	13-May-21	13-May-21	AIS	<input type="checkbox"/>	WTUG-N0065, WTUG-S0015	WTUG-S0065																
191		<b>Main Conveyance Lines</b>	25	25		13-May-21	17-Jun-21																				
192	WTUG-S0035	SS - Main Conveyance Lines - Continue Trenches for Piping Coming from North to South	8	8	0%	13-May-21	24-May-21	AIS	<input checked="" type="checkbox"/>	WTUG-S0090	WTUG-S0040																
193	WTUG-S0040	SS - Main Conveyance Lines - Install Piping to Backwash Supply Tank, Stub-Up & Perform Pressure Test	12	12	0%	24-May-21	09-Jun-21	AIS	<input checked="" type="checkbox"/>	WTUG-S0035	WTUG-S0045																
194	WTUG-S0045	SS - Main Conveyance Lines - Backfill & Compact	5	5	0%	10-Jun-21	16-Jun-21	AIS	<input checked="" type="checkbox"/>	WTUG-S0040	WTUG-S0050, WTFD-S0020, M5, WTUG-S0065																
195	WTUG-S0065	Transport & Disposal of Non-Hazardous Excavation Spoils	1	1	0%	17-Jun-21	17-Jun-21	AIS	<input type="checkbox"/>	WTUG-S0060, WTUG-S0045	WTUG-S0070																
196		<b>Supporting Lines</b>	16	16		17-Jun-21	08-Jul-21																				
197	WTUG-S0050	SS - Supporting Lines - Excavate Trenches for Piping	5	5	0%	17-Jun-21	23-Jun-21	AIS	<input checked="" type="checkbox"/>	WTUG-S0045	WTUG-S0055																

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												Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
198	WTUG-S0055	SS - Supporting Lines - Install Piping, Stub-Up & Perform Pressure Test	5	5	0%	24-Jun-21	30-Jun-21	AIS	<input checked="" type="checkbox"/>	WTUG-S0050	WTUG-S0075														SS - Supporting Lines - Install Piping, Stub-Up & Perform Pressure Test	
199	WTUG-S0075	SS - Supporting Lines - Backfill & Compact	6	6	0%	01-Jul-21	08-Jul-21	AIS	<input checked="" type="checkbox"/>	WTUG-S0055	WTUG-S0070, CN-0020, M5, WTFD-S0020, WTUG-S0020													SS - Supporting Lines - Backfill & Compact		
200	WTUG-S0070	Transport & Disposal of Non-Hazardous Excavation Spoils	1	1	0%	08-Jul-21	08-Jul-21	AIS	<input type="checkbox"/>	WTUG-S0065, WTUG-S0075	WTUG-S0080														I Transport & Disposal of Non-Hazardous Excavation Spoils	
201	<b>UG Electrical, Instrumentation &amp; Controls</b>											09-Jul-21	23-Jul-21												▼	
202	WTUG-S0020	SS - UG E&I and Controls - Excavate & Trenching	4	4	0%	09-Jul-21	14-Jul-21	AIS	<input checked="" type="checkbox"/>	WTUG-S0075, M5	WTUG-S0025														SS - UG E&I and Controls - Excavate & Trenching	
203	WTUG-S0025	SS - UG E & I and Controls - Install Conduit in Trench & Stub-Up (Includes Ductbank & Switch to PL Conduit)	4	4	0%	15-Jul-21	20-Jul-21	AIS	<input checked="" type="checkbox"/>	WTUG-S0020	WTUG-S0030														SS - UG E & I and Controls - Install Conduit in Trench & Stub-Up (Includes Ductbank & Switch to PL Conduit)	
204	WTUG-S0095	Inspection Point - Compaction Testing SS UG Elec, I&C Trench	6	6	0%	15-Jul-21	22-Jul-21	AIS-3PI	<input checked="" type="checkbox"/>	WTUG-S0030	WTFD-S0020														Inspection Point - Compaction Testing SS UG Elec, I&C Trench	
205	WTUG-S0030	SS - UG E & I and Controls - Make Connections; Backfill & Compact	2	2	0%	21-Jul-21	22-Jul-21	AIS	<input checked="" type="checkbox"/>	WTUG-S0025	WTS-0035, WTUG-S0080, WTUG-S0095													I SS - UG E & I and Controls - Make Connections; Backfill & Compact		
206	WTUG-S0080	Transport & Disposal of Non-Hazardous Excavation Spoils	1	1	0%	23-Jul-21	23-Jul-21	AIS	<input type="checkbox"/>	WTUG-S0070, WTUG-S0030	WTFD-S0055														I Transport & Disposal of Non-Hazardous Excavation Spoils	
207	<b>Foundations</b>											145	137		16-Feb-21 A	09-Sep-21									▼	
208	<b>North Side</b>											105	97		16-Feb-21 A	14-Jul-21									▼	
209	<b>Bollards, Guardrails &amp; Fencing</b>											83	83		18-Mar-21	14-Jul-21									I North Side - Install Bollards	
210	WTFD-N0005	North Side - Install Bollards	1	1	0%	18-Mar-21*	18-Mar-21	AIS	<input type="checkbox"/>	WTFD-N0020	WTFD-N0010														I North Side - Install Guardrail	
211	WTFD-N0010	North Side - Install Guardrail	1	1	0%	25-Jun-21*	25-Jun-21	AIS	<input type="checkbox"/>	WTFD-N0005	WTFD-N0015														I North Side - Install Fencing	
212	WTFD-N0015	North Side - Install Fencing	1	1	0%	14-Jul-21*	14-Jul-21	AIS	<input type="checkbox"/>	WTFD-N0010	WTFD-S0005														▼	
213	<b>Concrete Work</b>											100	92		16-Feb-21 A	07-Jul-21									▼	
214	WTFD-N104	Receive DCB-007 (Structural)	15	15	0%	16-Feb-21 A	18-Mar-21	CAR	<input type="checkbox"/>		WTFD-N0025, WTFD-N105													Receive DCB-007 (Structural)		
215	WTFD-N0020	Sumps S-100, S-200, S-250, S-300, S-501, S-502, S-600	30	30	0%	18-Mar-21	29-Apr-21	AIS	<input type="checkbox"/>	WTUG-N0015, M13	WTFD-N0025, WTFD-N0005												▼	Sumps S-100, S-200, S-250, S-300, S-501, S-502, S-600		
216	WTFD-N105	DFOW-07 Preparatory Meeting	1	1	0%	19-Mar-21	19-Mar-21	CAR	<input type="checkbox"/>	WTFD-N104														I DFOW-07 Preparatory Meeting		
217	WTFD-N0025	Sulfuric Acid Containment Structure; S-502	15	15	0%	19-Mar-21	09-Apr-21	AIS	<input type="checkbox"/>	WTFD-N0020, WTFD-N104	WTFD-N0030, WTFD-N0090													I Sulfuric Acid Containment Structure; S-502		
218	WTFD-N0030	Chemical Truck Unloading Ramp; 2/S-501	15	15	0%	19-Mar-21	09-Apr-21	AIS	<input type="checkbox"/>	WTFD-N0025	WTFD-N0035, M14													▼	Chemical Truck Unloading Ramp; 2/S-501	
219	WTFD-N0035	Duplex Equipment Foundation / Platform; S-500	15	15	0%	12-Apr-21	30-Apr-21	AIS	<input type="checkbox"/>	WTFD-N0030, M14	WTFD-N0040													▼	Duplex Equipment Foundation / Platform; S-500	
220	WTFD-N0040	Ion Exchange System Foundations; 5/S-504	15	15	0%	12-Apr-21	30-Apr-21	AIS	<input type="checkbox"/>	WTFD-N0035	WTFD-N0045, WTEQ-0020, M15												▼	Ion Exchange System Foundations; 5/S-504		
221	WTFD-N0045	Hydrogen Peroxide Tank Foundations; 6/S504	15	15	0%	19-Apr-21	07-May-21	AIS	<input type="checkbox"/>	WTFD-N0040	WTEQ-0050, WTEQ-0025, WTFD-N0095, WTFD-N0100												▼	Hydrogen Peroxide Tank Foundations; 6/S504		
222	WTFD-N0095	Inspection Point - Compaction & Reinforcing HYP Tank Foundation	1	1	0%	07-May-21	07-May-21	AIS-3PI	<input type="checkbox"/>	WTFD-N0045, M15	WTFD-N0050													I Inspection Point - Compaction & Reinforcing HYP Tank Foundation		
223	WTFD-N0100	Inspection Point - Reinforcing HYP Tank Foundation	6	6	0%	10-May-21	17-May-21	LADBS	<input type="checkbox"/>	WTFD-N0045, M15	WTFD-N0050													▼	Inspection Point - Reinforcing HYP Tank Foundation	
224	WTFD-N0090	Transport & Disposal of Non-Hazardous Excavation Spoils	38	38	0%	14-May-21	07-Jul-21	AIS	<input type="checkbox"/>	WTFD-N0085, WTFD-N0025	WTFD-S0055												▼	Transport & Disposal of Non-Hazardous Excavation Spoils		
225	WTFD-N0050	Slab Trench Drain; S-700	15	15	0%	18-May-21	08-Jun-21	AIS	<input type="checkbox"/>	WTFD-N0095, WTFD-N0100	WTFD-N0055												▼	Slab Trench Drain; S-700		
226	WTFD-N0055	8" SOG & Containment Curb; 8, 14/S-601	10	10	0%	25-May-21	08-Jun-21	AIS	<input type="checkbox"/>	WTFD-N0050	WTFD-N0060, WTEQ-0050, M17												▼	8" SOG & Containment Curb; 8, 14/S-601		
227	WTFD-N0060	12" SOG; 15/S-601	10	10	0%	25-May-21	08-Jun-21	AIS	<input type="checkbox"/>	WTFD-N0055	WTFD-N0065, WTEQ-0050												▼	12" SOG; 15/S-601		
228	WTFD-N0065	Backwash Holding Tank-Elect Tower Foundation; C/S-503	10	10	0%	09-Jun-21	22-Jun-21	AIS	<input type="checkbox"/>	WTFD-N0060, M17	WTFD-N0070, WTEQ-0045												▼	Backwash Holding Tank-Elect Tower Foundation; C/S-503		
229	WTFD-N0070	Backwash Holding Tank-Foundation; S-503	10	10	0%	10-Jun-21	23-Jun-21	AIS	<input type="checkbox"/>	WTFD-N0065, A1500	WTFD-N0075, WTEQ-0045, WTEQ-0005, M4															

# HON North Hollywood Operable Unit

Data Date: 26-Feb-21

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#	Activity ID	Activity Name	Orig Dur	Rem Dur	Phys %Comp	Start	Finish	ORG	Critical	Predecessors	Successors	2021												2022		
												Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
231	WTFD-N0085	AOP Equipment Foundations	10	10	0%	24-Jun-21	07-Jul-21	AIS	<input type="checkbox"/>	WTFD-N0075	WTEQ-0070, WTFD-N0090															
232	WTFD-N0080	Misc Finishes	10	10	0%	24-Jun-21	07-Jul-21	AIS	<input type="checkbox"/>	WTFD-N0075	WTFD-S0005															
233	<b>South Side</b>																									
234	<b>Bollards, Guardrails &amp; Fencing</b>		3	3		07-Sep-21	09-Sep-21																			
235	WTFD-S0010	South Side - Install Guardrails to Protect LPGAC Vessels	1	1	0%	07-Sep-21*	07-Sep-21	AIS	<input type="checkbox"/>	WTFD-S0020	WTFD-S0015															I South Side - Install Guardrails to Protect LPGAC Vess
236	WTFD-S0015	South Side - Install Guardrails to Protect Backwash Holding Tank & Piping	1	1	0%	08-Sep-21	08-Sep-21	AIS	<input type="checkbox"/>	WTFD-S0010	WTFD-S0005															I South Side - Install Guardrails to Protect Backwash H
237	WTFD-S0005	South Side - Install Bollards to Protect Utility Transformers	1	1	0%	09-Sep-21	09-Sep-21	AIS	<input type="checkbox"/>	WTFD-S0015, WTFD-N0015, WTFD-N0080															I South Side - Install Bollards to Protect Utility Transfor	
238	<b>Concrete Work</b>		31	31		23-Jul-21	03-Sep-21																			
239	WTFD-S0020	Sump S-500, S-510, S-600	30	30	0%	23-Jul-21	02-Sep-21	AIS	<input checked="" type="checkbox"/>	WTUG-S0015, WTUG-S0045, WTUG-S0075, WTUG-S0095	WTFD-S0025, WTFD-S0010, WTFD-S0055														■ Sump S-500, S-510, S-600	
240	WTFD-S0025	Backwash Supply Tank Foundation; S-506	30	30	0%	23-Jul-21	02-Sep-21	AIS	<input checked="" type="checkbox"/>	WTFD-S0020, A1475	WTFD-S0030, M6, WFTD-S0060														■ Backwash Supply Tank Foundation; S-506	
241	WTFD-S0030	LPGAC System Foundation; S-506	30	30	0%	23-Jul-21	02-Sep-21	AIS	<input type="checkbox"/>	WTFD-S0025	WTFD-S0035, WTEQ-0035														■ LPGAC System Foundation; S-506	
242	WTFD-S0035	Future LPGAC System Foundation; S-506	30	30	0%	23-Jul-21	02-Sep-21	AIS	<input type="checkbox"/>	WTFD-S0030	WTFD-S0040, WTEQ-0040														■ Future LPGAC System Foundation; S-506	
243	WTFD-S0040	Slab Trench Drain; S-701	30	30	0%	23-Jul-21	02-Sep-21	AIS	<input type="checkbox"/>	WTFD-S0035	WTFD-S0045														■ Slab Trench Drain; S-701	
244	WTFD-S0045	8" SPG; 14/S-601	30	30	0%	23-Jul-21	02-Sep-21	AIS	<input type="checkbox"/>	WTFD-S0040	WTFD-S0050, WTUG-S0085														■ 8" SPG; 14/S-601	
245	WTFD-S0055	Transport & Disposal of Non-Hazardous Excavation Spoils	26	26	0%	30-Jul-21	03-Sep-21	AIS	<input type="checkbox"/>	WTFD-S0050, WTFD-N0090, WFTD-S0020, WTUG-S0080	WTS-0060													■ Transport & Disposal of Non-Hazardous Excavation Sp		
246	WTFD-S0050	Misc Finishes	10	10	0%	20-Aug-21	02-Sep-21	AIS	<input type="checkbox"/>	WTFD-S0045	WTFD-S0055														■ Misc Finishes	
247	WTFD-S0060	Inspection Point - Backwash Supply Tank Foundation	6	6	0%	26-Aug-21	02-Sep-21	LADBS	<input checked="" type="checkbox"/>	WTFD-S0025	WTEQ-0075, WTEQ-0055, WTS-0005														■ Inspection Point - Backwash Supply Tank Foundation	
248	<b>Sewers &amp; Conveyance Lines</b>		83	83		27-Sep-21	24-Jan-22																			
249	<b>Sanitary Sewer</b>		13	13		27-Sep-21	13-Oct-21																			
250	WTS-0005	Sanitary Sewer Line - Excavate 8" & 6" Lateral from Backwash Holding Tank	5	5	0%	27-Sep-21	01-Oct-21	AIS	<input checked="" type="checkbox"/>	CAR-1035, WTFD-S0060	WTS-0010														■ Sanitary Sewer Line - Excavate 8" & 6" Latera	
251	WTS-0080	Inspection Point - Sanitary Sewer Line Pressure Test & Manholes	5	5	0%	01-Oct-21	07-Oct-21	LADBS	<input checked="" type="checkbox"/>	WTS-0010, WTS-0015	WTS-0050														■ Inspection Point - Sanitary Sewer Line Press	
252	WTS-0010	Sanitary Sewer Line - Install Pipe in Trench & Pressure Test from Backwash Holding Tank to Main on Vose St.	2	2	0%	04-Oct-21	05-Oct-21	AIS	<input checked="" type="checkbox"/>	WTS-0005	WTS-0015, WTS-0080														■ Sanitary Sewer Line - Install Pipe in Trench &	
253	WTS-0015	Sanitary Sewer Line - Install 3 Manholes (2 by AIS & 1 by Sub)	4	4	0%	04-Oct-21	07-Oct-21	AIS	<input checked="" type="checkbox"/>	WTS-0010	WTS-0080														■ Sanitary Sewer Line - Install 3 Manholes (2	
254	WTS-0050	Sanitary Sewer Line - Public Street Work (Restoration)	3	3	0%	08-Oct-21	12-Oct-21	AIS	<input checked="" type="checkbox"/>	WTS-0080	WTS-0020, WTS-0060														■ Sanitary Sewer Line - Public Street Work (	
255	WTS-0060	Transport & Disposal of Non-Hazardous Excavation Spoils	1	1	0%	13-Oct-21	13-Oct-21	AIS	<input type="checkbox"/>	WTS-0050, WTFD-S0055	WTS-0065														■ Transport & Disposal of Non-Hazardous E	
256	<b>Storm Sewer</b>		9	9		13-Oct-21	25-Oct-21																			
257	WTS-0020	Storm Sewer - Trenching & Piping of New 4" to 6" & 8" PVC Pipe	2	2	0%	13-Oct-21	14-Oct-21	AIS	<input checked="" type="checkbox"/>	WTS-0050	WTS-0025														■ Storm Sewer - Trenching & Piping of New	
258	WTS-0025	Storm Sewer - Pipe to Maxwell Plus drywell Infiltration System	1	1	0%	15-Oct-21	15-Oct-21	AIS	<input checked="" type="checkbox"/>	WTS-0020	WTS-0030														■ Storm Sewer - Pipe to Maxwell Plus dryw	
259	WTS-0030	Storm Sewer - Leak Test Pipe/ Backfill and Compact	1	1	0%	18-Oct-21	18-Oct-21	AIS	<input checked="" type="checkbox"/>	WTS-0025	CN-0020, WTS-0065, WTS-0075													■ Storm Sewer - Leak Test Pipe/ Backfill a		
260	WTS-0075	Inspection Point - Leak Test Pipe Compaction Test	1	1	0%	18-Oct-21	18-Oct-21	AIS-3PI	<input checked="" type="checkbox"/>	WTS-0030	WTS-0035, WTS-0055													■ Inspection Point - Leak Test Pipe Comp		
261	WTS-0055	Install Maxwell Drywell System	4	4	0%	19-Oct-21	22-Oct-21	TOR	<input type="checkbox"/>	WTS-0075	CN-0020, WTS-0065													■ Install Maxwell Drywell System		
262	WTS-0065	Transport & Disposal of Non-Hazardous Excavation Spoils	1	1	0%	25-Oct-21	25-Oct-21	AIS	<input type="checkbox"/>	WTS-0055, WTS-0030, WTS-0060	WTS-0070, GW-EX0005													■ Transport & Disposal of Non-Hazardo		

# HON North Hollywood Operable Unit

Data Date: 26-Feb-21

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#	Activity ID	Activity Name	Orig Dur	Rem Dur	Phys %Comp	Start	Finish	ORG	Critical	Predecessors	Successors	2021												2022			
												Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
263	<b>24" Start-Up / Bypass Conveyance Line</b>		77	77		05-Oct-21	24-Jan-22																				
264	WTS-0034	DFOW-03 Preparatory Meeting	5	5	0%	05-Oct-21	11-Oct-21	CAR	<input checked="" type="checkbox"/>	MOB-0005	WTS-0035																
265	WTS-0035	24" Startup / Bypass Conveyance Line - Excavate	15	15	0%	19-Oct-21	08-Nov-21	AIS	<input checked="" type="checkbox"/>	WTUG-S0030, MOB-0030, WTS-0075, CN-0005, WTS-0034	WTS-0040																
266	WTS-0040	24" Startup / Bypass Conveyance Line - Install	40	40	0%	04-Nov-21	03-Jan-22	AIS	<input checked="" type="checkbox"/>	WTS-0035	WTS-0085																
267	WTS-0085	Inspection Point - Pressure Test 24" Startup ByPass Conveyance Line	5	5	0%	28-Dec-21	03-Jan-22	LADBS	<input checked="" type="checkbox"/>	WTS-0040	WTS-0045																
268	WTS-0045	24" Startup / Bypass Conveyance Line - Backfill & Compact	10	10	0%	04-Jan-22	17-Jan-22	AIS	<input checked="" type="checkbox"/>	WTS-0085	CN-0020, WTS-0070, WTS-0090																
269	WTS-0070	Transport & Disposal of Non-Hazardous Excavation Spoils	4	4	0%	18-Jan-22	21-Jan-22	AIS	<input type="checkbox"/>	WTS-0065, WTS-0045																	
270	WTS-0090	Inspection Point - Compaction Test 24" Startup ByPass Conveyance Line	5	5	0%	18-Jan-22	24-Jan-22	AIS-3PI	<input checked="" type="checkbox"/>	WTS-0045	EIA-9000, CN-0020																
271	<b>Water Treatment Equipment</b>		56	56		16-Aug-21	02-Nov-21																				
272	WTEQ-0008	DFOW-09 Preparatory Meeting	5	5	0%	27-Aug-21	02-Sep-21	CAR	<input type="checkbox"/>	MOB-0005	WTEQ-0010																
273	WTEQ-0125	Inspection Point - Anchor Bolts	43	43	0%	02-Sep-21	02-Nov-21	AIS-3PI	<input type="checkbox"/>	WTEQ-0020, WTEQ-0025, WTEQ-0035, WTEQ-0040, WTEQ-0045, WTEQ-0050	M7																
274	WTEQ-0010	Anchor pH Adjustment Equipment (Includes Sulfuric Acid Tank & Sulfuric Acid Storage Air Dryer)	3	3	0%	13-Sep-21	15-Sep-21	AIS	<input type="checkbox"/>	WTEQ-0055, WTEQ-0095, WTEQ-0008	WTEQ-0015, M7																
275	WTEQ-0015	Anchor Filtration Equipment	6	6	0%	16-Sep-21	23-Sep-21	AIS	<input type="checkbox"/>	WTEQ-0010, WTEQ-0060	WTEQ-0020, WTAG-90, M7																
276	WTEQ-0020	Anchor Ion Exchange Equipment	4	4	0%	24-Sep-21	29-Sep-21	AIS	<input type="checkbox"/>	WTEQ-0015, WTEQ-0065, WTFD-N0040	WTEQ-0025, M7, WTEQ-0125																
277	WTEQ-0025	Anchor AOP Equipment - Phase 1B	3	3	0%	30-Sep-21	04-Oct-21	AIS	<input type="checkbox"/>	WTEQ-0020, WTEQ-0070, WTFD-N0045, M15	WTEQ-0030, M7, WTEQ-0125																
278	WTEQ-0030	Anchor AOP Equipment - Phase 3	3	3	0%	05-Oct-21	07-Oct-21	AIS	<input type="checkbox"/>	WTEQ-0025, WTEQ-0070	WTEQ-0035, M7																
279	WTEQ-0035	Anchor LPGAC Equipment - Phase 1B	3	3	0%	08-Oct-21	12-Oct-21	AIS	<input type="checkbox"/>	WTEQ-0030, WTFD-S0030, WTEQ-120	WTEQ-0040, M7, WTEQ-0125																
280	WTEQ-0040	Anchor LPGAC Equipment - Phase 3	5	5	0%	13-Oct-21	19-Oct-21	AIS	<input type="checkbox"/>	WTEQ-0035, WTFD-S0035, WTEQ-120	WTEQ-0045, M7, WTEQ-0125																
281	WTEQ-0045	Anchor Backwash Equipment	5	5	0%	20-Oct-21	26-Oct-21	AIS	<input type="checkbox"/>	WTEQ-0040, WTFD-N0070, WTFD-N0075, WTFD-N0065	WTEQ-0050, M7, WTEQ-0125																
282	WTEQ-0050	Anchor Process Support Equipment	5	5	0%	27-Oct-21	02-Nov-21	AIS	<input type="checkbox"/>	WTEQ-0045, WTFD-N0045, WTFD-N0055, WTFD-N0060, M15, M17	WTAG-0005, M7, WTEQ-0125																
283	<b>Water Holding Tanks</b>		30	30		16-Aug-21	27-Sep-21																				
284	WTEQ-0005	Tank 660 Water Storage Tank - Receive, Offload & Erect	15	15	0%	16-Aug-21	03-Sep-21	UIG	<input type="checkbox"/>	WTFD-N0070, A1505, M4	WTAG-0005, WTEQ-0075																
285	WTEQ-0075	Tank 540 Water Storage Tank - Receive, Offload & Erect	15	15	0%	07-Sep-21	27-Sep-21	UIG	<input type="checkbox"/>	A1485, WTEQ-0005, M6, WTFD-S0060	WTAG-30																
286	<b>Warehouse Modifications</b>		129	129		05-Apr-21	04-Oct-21																				
287	<b>CMU</b>		41	41		05-Apr-21	01-Jun-21																				
288	WH-0002	DFOW-08 Preparatory Meeting	5	5	0%	05-Apr-21	09-Apr-21	CAR	<input type="checkbox"/>	MOB-0005	WH-0005																
289	WH-0005	CMU - Survey Marking & Layout	1	1	0%	12-Apr-21*	12-Apr-21	AIS	<input type="checkbox"/>	DEMO-0065, WH-0002	WH-0010																
290	WH-0020	CMU - Opening Supports for Doors & Windows	2	2	0%	13-Apr-21	14-Apr-21	AIS	<input type="checkbox"/>	WH-0015	WH-0045																
291	WH-0010	CMU - Epoxy #5 Dowels - 6" Embed	3	3	0%	13-Apr-21	15-Apr-21	AIS	<input type="checkbox"/>	WH-0005	WH-0015, WH-0045																
292	WH-0015	CMU - Base Course & Vertical Rebar to +8' (#5 @ 16" oc)	4	4	0%	13-Apr-21	16-Apr-21	AIS	<input type="checkbox"/>	WH-0010	WH-0020, WH-0045																
293	WH-0045	CMU - Bond Beam @ +4' & Horizontal Rebar (#5)	2	2	0%	19-Apr-21	20-Apr-21	AIS	<input type="checkbox"/>	WH-0020, WH-0015, WH-0010	WH-0050, WH-0055																

 Remaining LOE
  Remaining Work
  Milestone  
 Actual Work
  Critical Remaining
  Summary

# HON North Hollywood Operable Unit

Data Date: 26-Feb-21

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#	Activity ID	Activity Name	Orig Dur	Rem Dur	Phys %Comp	Start	Finish	ORG	Critical	Predecessors	Successors	2021												2022			
												Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
294	WH-0050	CMU - Rough-In J-Box & Conduits @ +4'	2	2	0%	19-Apr-21	20-Apr-21	AIS	<input type="checkbox"/>	WH-0045	WH-0055																
295	WH-0055	CMU - Set Up Scaffolding	2	2	0%	21-Apr-21	22-Apr-21	AIS	<input type="checkbox"/>	WH-0045, WH-0050	WH-0060, WH-0065																
296	WH-0060	CMU - Bond Beam @ +8' & Horizontal Rebar (#5)	3	3	0%	23-Apr-21	27-Apr-21	AIS	<input type="checkbox"/>	WH-0055	WH-0070, WH-0075																
297	WH-0065	CMU - Rough-In J-Box & Conduit @ +8'	3	3	0%	23-Apr-21	27-Apr-21	AIS	<input type="checkbox"/>	WH-0055	WH-0070, WH-0075																
298	WH-0075	CMU - Inspection & Pour Grout to +8'	2	2	0%	28-Apr-21	29-Apr-21	AIS	<input type="checkbox"/>	WH-0065, WH-0060	WH-0080																
299	WH-0080	CMU - Extend Vertical Rebar to +14'-8" (#5 @ 16" oc)	2	2	0%	30-Apr-21	03-May-21	AIS	<input type="checkbox"/>	WH-0075	WH-0085																
300	WH-0085	CMU - Bond Beam @ +12' & Horizontal Rebar (#5)	4	4	0%	04-May-21	07-May-21	AIS	<input type="checkbox"/>	WH-0080	WH-0090																
301	WH-0090	CMU - Embed Structural Steel Anchors	4	4	0%	10-May-21	13-May-21	AIS	<input type="checkbox"/>	WH-0085	WH-0095																
302	WH-0095	CMU - Bond Beam @ +14'-8" & Horizontal Rebar (#5)	4	4	0%	14-May-21	19-May-21	AIS	<input type="checkbox"/>	WH-0090	WH-0100																
303	WH-0100	CMU - Inspection & Pour Grout +8' to +14'-8"	4	4	0%	20-May-21	25-May-21	AIS	<input type="checkbox"/>	WH-0095	WH-0105																
304	WH-0105	CMU - Grout Curing	4	4	0%	26-May-21	01-Jun-21	AIS	<input type="checkbox"/>	WH-0100	WH-0110, WH-0115																
305	<b>Steel</b>		10	10		02-Jun-21	15-Jun-21																				
306	WH-0110	Steel - W8 Beam Embed PL w/5/8" A.B.	2	2	0%	02-Jun-21	03-Jun-21	AIS	<input type="checkbox"/>	WH-0105	WH-0120, WH-0125																
307	WH-0115	Steel - WT5 Beam Embed PL w/5/8" A.B.	2	2	0%	02-Jun-21	03-Jun-21	AIS	<input type="checkbox"/>	WH-0105	WH-0130																
308	WH-0120	Steel - W8 Main Beams - Erection	4	4	0%	04-Jun-21	09-Jun-21	AIS	<input type="checkbox"/>	WH-0110	WH-0130																
309	WH-0125	Steel - W8 Connection Beams - Erection	4	4	0%	04-Jun-21	09-Jun-21	AIS	<input type="checkbox"/>	WH-0110	WH-0130																
310	WH-0130	Steel - WT5 Diagonal Beam - Erection	3	3	0%	10-Jun-21	14-Jun-21	AIS	<input type="checkbox"/>	WH-0115, WH-0120, WH-0125	WH-0135, WH-0145																
311	WH-0135	Steel - Final Inspection	1	1	0%	15-Jun-21	15-Jun-21	AIS	<input type="checkbox"/>	WH-0130	CN-0020																
312	<b>Framing &amp; Wall Openings</b>		6	6		14-Jun-21	21-Jun-21																				
313	WH-0145	Framing - Wall B & C, 3-5/8" Bottom Track Installation	2	2	0%	14-Jun-21	15-Jun-21	AIS	<input type="checkbox"/>	WH-0130	WH-0150, WH-0155																
314	WH-0150	Framing - Wall B & C, 3-5/8" Stud & Top Track Installation	5	5	0%	14-Jun-21	18-Jun-21	AIS	<input type="checkbox"/>	WH-0145	WH-0160, WH-0165																
315	WH-0155	Framing - Wall A, 5.5" Stud Above CMU to Bottom of 'E' Roof	5	5	0%	14-Jun-21	18-Jun-21	AIS	<input type="checkbox"/>	WH-0145	WH-0160, WH-0165, WH-0180																
316	WH-0180	Framing - 600T300-97, Cont Track Ledger Installation	5	5	0%	14-Jun-21	18-Jun-21	AIS	<input type="checkbox"/>	WH-0160, WH-0155	WH-0290																
317	WH-0290	Framing - 600S200-43, Joist Installation	4	4	0%	16-Jun-21	21-Jun-21	AIS	<input type="checkbox"/>	WH-0180	WH-0300, WH-0190																
318	WH-0160	Door & Frame Installation	2	2	0%	17-Jun-21	18-Jun-21	AIS	<input type="checkbox"/>	WH-0150, WH-0155	WH-0165, WH-0180																
319	WH-0165	Metal Siding Wall Openings for HVAC	3	3	0%	17-Jun-21	21-Jun-21	AIS	<input type="checkbox"/>	WH-0150, WH-0155, WH-0160	WH-0300																
320	WH-0305	Framing - X-Strap Vertical & Horizontal Bracing	3	3	0%	17-Jun-21	21-Jun-21	AIS	<input type="checkbox"/>	WH-0300	WH-0310																
321	WH-0300	Framing - Wall B & C, Backings & Final Inspection	2	2	0%	18-Jun-21	21-Jun-21	AIS	<input type="checkbox"/>	WH-0290, WH-0165	WH-0305																
322	<b>Mechanical</b>		15	15		16-Jun-21	06-Jul-21																				
323	WH-0190	Rough-In Intake Louver L-1, 2, XFMR-1, 2, 3, 4	3	3	0%	16-Jun-21	18-Jun-21	AIS	<input type="checkbox"/>	WH-0290, CAR-1040	WH-0195, WH-0140																
324	WH-0195	Rough-In Opening for EF-1, 2 SF-1, 2, 3 @ Exterior Wall	5	5	0%	17-Jun-21	23-Jun-21	AIS	<input type="checkbox"/>	WH-0190	WH-0200																
325	WH-0200	Set CU-1, 2, 3, 4	5	5	0%	21-Jun-21	25-Jun-21	AIS	<input type="checkbox"/>	WH-0195	WH-0205																
326	WH-0205	Install 8" Round RA Ducts to L-1, 2	5	5	0%	21-Jun-21	25-Jun-21	AIS	<input type="checkbox"/>	WH-0200	WH-0210																
327	WH-0215	Install Energy Recovery Unit ERU-1	3	3	0%	22-Jun-21	24-Jun-21	AIS	<input type="checkbox"/>	WH-0210	WH-0220																
328	WH-0210	Install AHU-1, 2, 3, 4	5	5	0%	22-Jun-21	28-Jun-21	AIS	<input type="checkbox"/>	WH-0205	WH-0215																
329	WH-0220	Install Electric Heater EH-1	2	2	0%	23-Jun-21	24-Jun-21	AIS	<input type="checkbox"/>	WH-0215	WH-0225																
330	WH-0225	Install 6" Round RA Ducts; 8" to 6" X 6"</																									

# HON North Hollywood Operable Unit

Data Date: 26-Feb-21

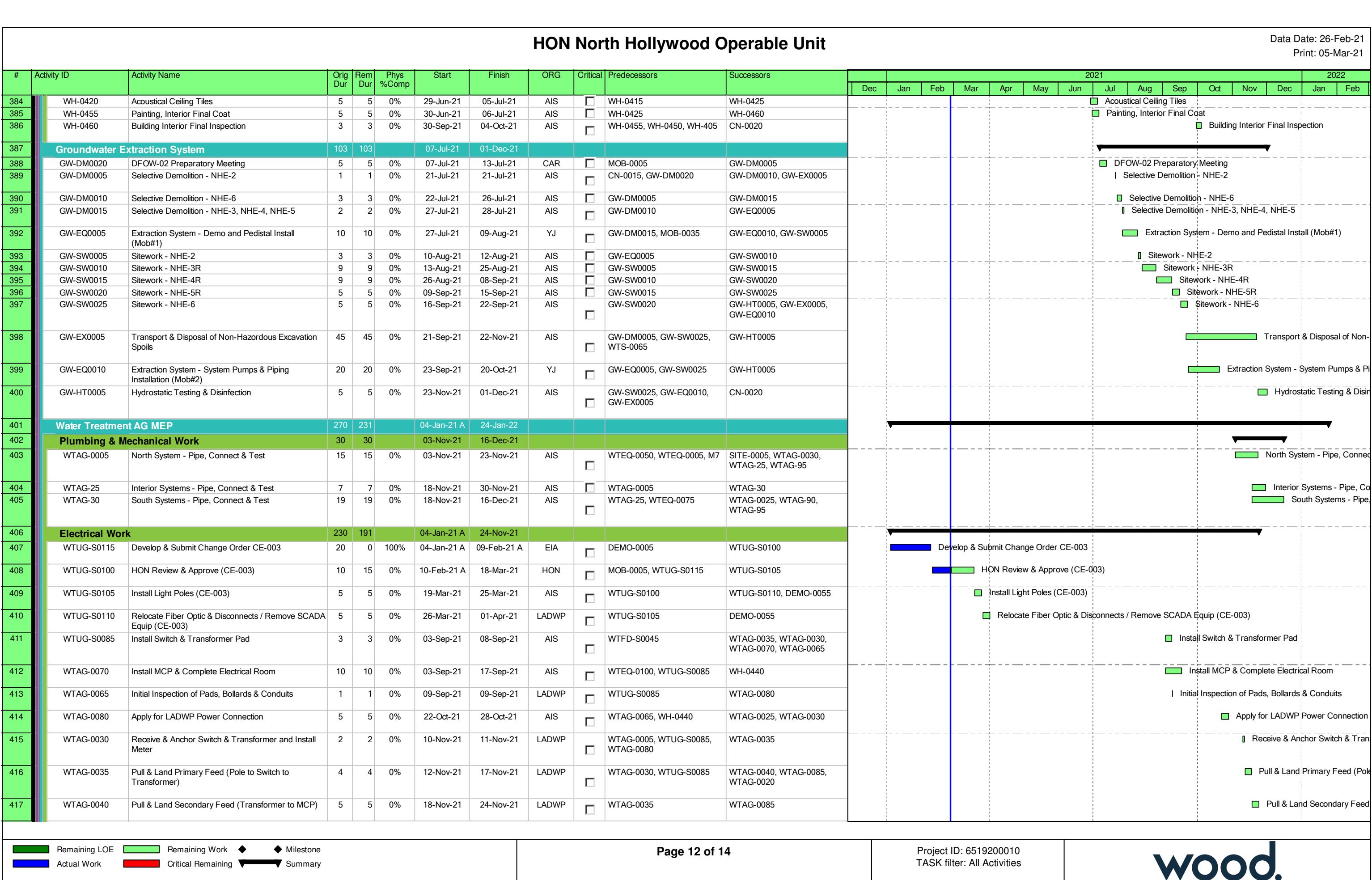
Print: 05-Mar-21



# HON North Hollywood Operable Unit

Data Date: 26-Feb-21

Print: 05-Mar-21



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Data Date: 26-Feb-21

Print: 05-Mar-21

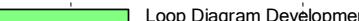
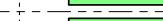
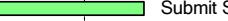
#	Activity ID	Activity Name	Orig Dur	Rem Dur	Phys %Comp	Start	Finish	ORG	Critical	Predecessors	Successors	2021												2022			
												Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
418	WTAG-0085	Power Feed Complete	5	5	0%	18-Nov-21	24-Nov-21	LADWP	<input type="checkbox"/>	WTAG-0035, WTAG-0040	WTAG-0025, WTAG-90, WTAG-95														Power Feed Complete		
419		Instrumentation & Control Work	25	25		11-Nov-21	17-Dec-21																				Instrumentation & Control
420	WTAG-0045	DFOW-11 Preparatory Meeting	5	5	0%	11-Nov-21	17-Nov-21	CAR	<input type="checkbox"/>	MOB-0005	WTAG-0055															DFOW-11 Preparatory Meeting	
421	WTAG-0020	Instrumentation & Controls Work	10	10	0%	18-Nov-21	03-Dec-21	AIS	<input type="checkbox"/>	WTAG-0035	WTAG-0025, WTAG-0050, WTAG-90, WTAG-95, WTAG-100														Instrumentation & Controls		
422	WTAG-0050	Install Secondary Panels	10	10	0%	18-Nov-21	03-Dec-21	AIS	<input type="checkbox"/>	A1470, A1440, WTAG-0020	WTAG-0055, WTAG-90, WTAG-95, WTAG-100														Install Secondary Panels		
423	WTAG-0055	Install & Connect SCADA Systems	10	10	0%	18-Nov-21	03-Dec-21	AIS	<input type="checkbox"/>	WTAG-0050, WTEQ-0105, A1450, A1230, WTAG-0045	WTAG-0025, WTAG-0090, A1450, A1230, WTAG-0045	WTAG-0025, WTAG-0090, WTAG-105, WTAG-90, WTAG-95, WTAG-100											Install & Connect SCADA				
424	WTAG-0090	Install Video Surveillance System	10	10	0%	18-Nov-21	03-Dec-21	RDS	<input type="checkbox"/>	WTAG-0055	WTAG-0025															Install Video Surveillance S	
425	WTAG-105	A&C Pre-Commissioning Support for SCADA	10	10	0%	06-Dec-21	17-Dec-21	CEC	<input type="checkbox"/>	WTAG-0055	AIS-9000															A&C Pre-Commission	
426		Pre-Com, Testing & Disinfection	35	35		06-Dec-21	24-Jan-22																			Pre-Com, Testing & Disinfection	
427	WTAG-100	Pre-Commissioning Testing & Disinfection - Calgon - LPGAC System	10	10	0%	06-Dec-21	17-Dec-21	AIS	<input type="checkbox"/>	WTAG-0020, WTAG-0050, WTAG-0055	CN-0020, WTAG-115														Pre-Commissioning T		
428	WTAG-0025	Pre-Commissioning Testing & Disinfection - AIS	5	5	0%	17-Dec-21	23-Dec-21	AIS	<input type="checkbox"/>	WTAG-0020, WTAG-30, WTAG-0055, WTAG-0085, WTAG-0090, WTAG-0080	CN-0020													Pre-Commissioning			
429	WTAG-90	Pre-Commissioning Testing & Disinfection - Rosedale (Inlet Strainer & Bag Filters)	5	5	0%	17-Dec-21	23-Dec-21	AIS	<input type="checkbox"/>	WTEQ-0015, WTAG-30, WTAG-0085, WTAG-0020, WTAG-0050, WTAG-0055	CN-0020													Pre-Commissioning			
430	WTAG-95	Pre-Commissioning Testing & Disinfection - Calgon - Ion Exchange Equipment	10	10	0%	17-Dec-21	31-Dec-21	AIS	<input type="checkbox"/>	WTAG-30, WTAG-0005, WTAG-0085, WTAG-0020, WTAG-0050, WTAG-0055	CN-0020, WTAG-110													Pre-Commissioning			
431	WTAG-115	Receive & Install Media - Calgon - LPGAC System Equipment	1	1	0%	20-Dec-21	20-Dec-21	AIS	<input type="checkbox"/>	WTEQ-120, WTAG-100	CN-0020														Receive & Install Med		
432	WTAG-110	Receive & Install Media - Calgon - Ion Exchange Equipment	1	1	0%	03-Jan-22	03-Jan-22	AIS	<input type="checkbox"/>	WTEQ-0065, WTAG-95	CN-0020														Receive & Instal		
433	CN-0020	Substantial Completion	0	0	0%		24-Jan-22	CAR	<input checked="" type="checkbox"/>	WTAG-0025, SITE-0020, GW-HT0005, WH-0275, WH-0460, WTS-0030, WTS-0055, WH-0135, WTS-0045, WTUG-S0075, WTAG-100, WTAG-95, WTAG-90, WTAG-110, WTAG-115, WTS-0090	EPA-1015, CO-0005, M8											Substanti					
434		Site Features & Topping	14	14		03-Nov-21	22-Nov-21																			Topping	
435	SITE-0005	Fabric Shade Structure	2	2	0%	03-Nov-21	04-Nov-21	AIS	<input type="checkbox"/>	WTAG-0005	SITE-0010															Fabric Shade Structure	
436	SITE-0010	Asphalt Replacement	10	10	0%	05-Nov-21	18-Nov-21	AIS	<input type="checkbox"/>	SITE-0005	SITE-0015															Asphalt Replacement	
437	SITE-0015	Entrance Gate Inductive Loop Replacement	1	1	0%	18-Nov-21	18-Nov-21	AIS	<input type="checkbox"/>	SITE-0010	SITE-0020															Entrance Gate Inductive Loop	
438	SITE-0020	Perform As-Built Survey	2	2	0%	19-Nov-21	22-Nov-21	CAL	<input type="checkbox"/>	SITE-0015	CN-0020															Perform As-Built Survey	
439		Post Construction Commissioning	612	612		26-Feb-21	24-Jul-23																			Post Construction Commissioning	
440	EIA-9025	Draft Commissioning Plan Development	44	44	0%	26-Feb-21*	29-Apr-21	EIA	<input type="checkbox"/>	EPA-1010	EIA-9030, CO-0025, EIA-9050															Draft Commissioning Plan Development	
441	EIA-9050	Submit Commissioning Plan to LADWP	0	0	0%		29-Apr-21	EIA	<input type="checkbox"/>	EIA-9025	EIA-9055															Submit Commissioning Plan to LADWP	
442	EIA-9055	LADWP Review/Comment Draft Commissioning Plan	44	44	0%	30-Apr-21	01-Jul-21	LADWP	<input type="checkbox"/>	EIA-9050	EIA-9060															LADWP Review/Comment Draft Commissioning Plan	
443	EIA-9060	Incorporate LADWP Commissioning Plan Comments	10	10	0%	02-Jul-21	15-Jul-21	EIA	<input type="checkbox"/>	EIA-9055	EIA-9065															Incorporate LADWP Commissioning Plan Comments	
444	EIA-9065	Submit Commissioning Plan to LADWP/DDW for Approval	0	0	0%		15-Jul-21	EIA	<input type="checkbox"/>	EIA-9060	EIA-9070															Submit Commissioning Plan to LADWP/DDW for Approval	
445	EIA-9070	LADWP/DDW Review/Approve Commissioning Plan	64	64	0%	16-Jul-21	14-Oct-21	LADWP	<input type="checkbox"/>	EIA-9065	EIA-9075															LADWP/DDW Review/Approve Commis	
446	EIA-9075	Commissioning Plan Approved	0	0	0%		14-Oct-21	LADWP	<input type="checkbox"/>	EIA-9070	EIA-9000, AIS-9000															Commissioning Plan Approved	

Remaining LOE      Remaining Work      ◆ Milestone  
Actual Work      Critical Remaining      ▶ Summary

# HON North Hollywood Operable Unit

Data Date: 26-Feb-21

Print: 05-Mar-21

#	Activity ID	Activity Name	Orig Dur	Rem Dur	Phys %Comp	Start	Finish	ORG	Critical	Predecessors	Successors	2021												2022		
												Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
447	EIA-9005	Final Completion (Complete Punch, Closeout & Demob)	0	0	0%		17-Jan-22	CAR	<input type="checkbox"/>	EIA-9035	CO-0025, EIA-9010														◆ Final Comp	
448	AIS-9000	Commissioning Startup Support - AIS	21	21	0%	26-Jan-22	23-Feb-22	EIA	<input type="checkbox"/>	EPA-1015, EIA-9000, WTAG-105, EIA-9075	EIA-9010															
449	EIA-9000	Commissioning - EIA	62	62	0%	26-Jan-22	22-Apr-22	EIA	<input checked="" type="checkbox"/>	WTS-0090, EPA-1015, EIA1015, EIA-9075	EIA-9010, EIA-9015, EIA-9015, EIA-9030, CO-0025, M9, AIS-9000															
450	EIA-9010	Post Commissioning O&M	318	318	0%	25-Apr-22	24-Jul-23	EIA	<input checked="" type="checkbox"/>	CO-0020, EIA-9000, EIA-9015, EIA-9005, EIA-9030, AIS-9000, M9	EIA-9020, EIA-9020, EIA-9045, EIA-9045															
451	EIA-9030	Commissioning Report	44	44	0%	26-May-22	28-Jul-22	EIA	<input type="checkbox"/>	EIA-9000, EIA-9025	EIA-9010, CO-0015, M10															
452	<b>Post Construction Regulatory Submittals &amp; Approvals (V)</b>		677	594		27-Oct-20 A	27-Jun-23																			
453	CO-0024	Loop Diagram Development	40	40	75%	27-Oct-20 A	23-Apr-21	EIA	<input type="checkbox"/>	M1	CO-0025															 Loop Diagram Development
454	CO-0025	Construction Completion Report	87	87	0%	21-Dec-21	22-Apr-22	EIA	<input type="checkbox"/>	EIA-9025, EIA-9000, EIA-9005, CO-0024	CO-0010, CO-0020, CO-0020, CO-0015, M12															
455	CO-0050	NPDES Support (Post Construction)	61	61	0%	20-Jan-22	14-Apr-22	EIA	<input type="checkbox"/>	CO-0006	EIA-9045															
456	CO-0006	General Regulatory (Post Construction)	349	349	0%	20-Jan-22	02-Jun-23	EIA	<input type="checkbox"/>	EIA1005	M16, CO-0050															
457	CO-0010	PM Implementation (Post Construction)	349	349	0%	20-Jan-22	02-Jun-23	EIA	<input type="checkbox"/>	EIA1010, CO-0025	M11															
458	CO-0020	Final O&M Manual	87	87	0%	13-Apr-22	16-Aug-22	EIA	<input type="checkbox"/>	CO-0025, CO-0025	EIA-9010															
459	CO-0015	Certificate of Substantial Completion from EPA	0	0	0%		27-Jun-23	EPA	<input type="checkbox"/>	CO-0005, EIA-9030, CO-0025, M10	M16															
460	<b>Engineering Support</b>		265	226		02-Oct-20 A	17-Jan-22																			
461	<b>Engineering Support During Construction</b>		265	226		02-Oct-20 A	17-Jan-22																			
462	EIA-9035	General Engineering Support During Construction, Construction, QC	265	226	14.7%	02-Oct-20 A	17-Jan-22	EIA	<input type="checkbox"/>	PMOB-0005	EIA-9040, EIA-9005															 General Eng
463	EIA-9040	Support During Phase 1B Piping Installation (Offsite)	56	56	0%	22-Jun-21	08-Sep-21	EIA	<input type="checkbox"/>	EIA-9035	EIA-9015															 Support During Phase 1B Piping Installation (Offsite)
464	<b>Engineering Support During Post-Construction</b>		0	0																						
465	<b>Groundwater Monitoring</b>		432	432		10-Nov-21	24-Jul-23																			
466	CO-0005	Submit Site Wide Monitoring Plan	51	51	0%	10-Nov-21	24-Jan-22	EIA	<input type="checkbox"/>	CN-0020	CO-0015															 Submit S
467	EIA-9015	GW Monitoring / Reporting During Commissioning	62	62	0%	26-Jan-22	22-Apr-22	EIA	<input checked="" type="checkbox"/>	EIA-9000, EIA-9000, EIA-9040	EIA-9010, M9															
468	EIA-9020	GW Monitoring / Reporting During O&M	318	318	0%	25-Apr-22	24-Jul-23	EIA	<input checked="" type="checkbox"/>	EIA-9010, EIA-9010	M11															
469	EIA-9045	O&M NPDES Support	318	318	0%	25-Apr-22	24-Jul-23	EIA	<input checked="" type="checkbox"/>	EIA-9010, EIA-9010, CO-0050	M11															